

DETERMINED DNA SEQUENCES DERIVED FROM A PAPILLOMAVIRUS
GENOME, THEIR USES FOR IN VITRO DIAGNOSTIC PURPOSES AND
THE PRODUCTION OF ANTIGENIC COMPOSITIONS

ABSTRACT

The invention concerns DNA fragments derived from the genomic DNA of HPV-33. These fragments are selected from the group of fragments extending between the nucleotide extremities defined hereafter in relation to the nucleotide-numbering in figs. 1a and 1b respectively :

76 - 556
543 - 864
867 - 2811
2728 - 3808
3326 - 3575
3842 - 4079
4198 - 5611
5516 - 8091.

The invention also relates to the use of these fragments as probes for the detection of HPV in tissue cultures.

Figs. 1a and 1b